

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-6 (canceled)

7 (currently amended): A method of reconciling a first data structure stored on a computer readable medium with a second data structure stored on a computer readable medium, comprising:

determining which node of the second data structure includes a change from a corresponding node in the first data structure;

for each node in the second data structure including a change,

attempting to access the corresponding node in the first data structure;

if the corresponding node in the first data structure is inaccessible, preventing the change from occurring,

if the corresponding node in the first data structure ~~can be accessed~~ is accessible, determining, if the change to the second data structure creates a mandatory collision or a discretionary collision,

if the change to the second data structure creates a mandatory collision, preventing the change from occurring,

if the change to the second data structure creates a discretionary collision,

determining if the discretionary collision is forbidden by collision criteria,

and

if the discretionary collision is not forbidden by the collision criteria, making the change to the corresponding node in the first data structure, and

if the discretionary collision is forbidden by the collision criteria, preventing the change from occurring.

8 (previously presented): The method recited in claim 7, further comprising deleting empty nodes from the first data structure.

9 (currently amended): The method recited in claim 7, further comprising identifying nodes in the first data structure for ~~with which~~ a change to the second data structure creates a collision to a software application maintaining the first data structure.

10 (previously presented): The method recited in claim 7, wherein the collision criteria:
prohibits ink strokes from being added to a leaf node below a pinned node,
prohibits ink strokes from being removed from a leaf node below the pinned node,
prohibits adding leaf nodes below the pinned node,
prohibits removing leaf nodes below the pinned node, and
prohibits re-parenting of leaf nodes below the pinned node.

11 (previously presented): The method recited in claim 7, wherein the collision criteria:
allows late ink strokes to be added to a leaf node below a pinned node under specified conditions,
prohibits ink strokes from being removed from a leaf node below the pinned node,
prohibits adding leaf nodes below the pinned node,
prohibits removing leaf nodes below the pinned node, and
prohibits re-parenting of leaf nodes below the pinned node.

12 (currently amended): The method recited in claim 7, wherein the collision criteria:
allows ink strokes to be added to a leaf node below a pinned node under specified conditions,
prohibits ink strokes from being removed from a leaf node below the pinned node;
~~prohibits adding leaf nodes below the pinned node,~~
~~prohibits removing leaf nodes below the pinned node, and~~
~~prohibits re-parenting of leaf nodes below the pinned node.~~

13 (previously presented): The method recited in claim 7, further comprising determining whether a collision is mandatory based upon interface rules for the first data structure.

14 (previously presented): The method recited in claim 7, further comprising:

employing a log of changes to the second data structure to determine, for each accessed node in the first data structure, if a change has been made to a corresponding node in the second data structure.

15-18 (canceled)